



WASHOE COUNTY

Integrity Communication Service

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STAFF REPORT

BOARD MEETING DATE: August 28, 2018

DATE: July 18, 2018

TO: Board of County Commissioners

FROM: Alan Jones, Sr. Licensed Engineer, Engineering & Capital Projects,
Community Services Department, 954-4651, Ajones@washoecounty.us

THROUGH: Dwayne Smith, P.E., Division Director, Engineering and Capital Projects
Community Services Department, 328-2043, desmith@washoecounty.us

SUBJECT: Approve an Agreement for Professional Consulting Services between Washoe County and Electro Scan Inc., commencing August 28, 2018 through August 27, 2019, to provide condition assessment of approximately 14,000 feet of sanitary sewer interceptors within the South Truckee Meadows Water Reclamation Facility service area [\$124,500.00]. (Commission District 2.)

SUMMARY

The Community Services Department is recommending approval of a professional services agreement with Electro Scan, Inc. to provide consulting engineering services for the condition assessment of approximately 14,000 feet of sanitary sewer interceptors within the South Truckee Meadows Water Reclamation Facility (STMWRF) service area.

Washoe County Strategic Objective supported by this item: Safe, secure and healthy communities.

PREVIOUS ACTION

On May 22, 2018, the Board of County Commissioners (Board) approved the Capital Improvements Plan for Fiscal Years 2019-2023.

BACKGROUND

Washoe County owns and operates the South Truckee Meadows Water Reclamation Facility (STMWRF), which provides sewer treatment to approximately 15,000 homes and businesses within southern Washoe County, including significant portions of the City of Reno. STMWRF was commissioned in 1990 and expanded in 2003 and is presently permitted to treat up to 4.1 million gallons of sewage per day.

Washoe County maintains over 150 miles of sanitary sewer interceptors and mains within the STMWRF service area. Maintaining the sanitary sewer collection system requires periodic condition assessment. Staff have identified approximately 14,000 feet of pipe

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that requires a detailed analysis of the sanitary sewer interceptors to determine the current condition of the concrete pipe material and also for possible infiltration. Assessing the current condition and infiltration is necessary to address current flow and water quality issues and will ensure adequate conveyance capacity is available as new growth occurs in Washoe County.

FISCAL IMPACT

Sanitary sewer main condition assessment was approved by the Board in the Capital Improvement Plan for FY 2019-2023. Sufficient funds and budget authority for the condition assessment exist in the Utilities Fund (566), cost center 664950, account 710205 (Repairs and Maintenance). Expense will post to internal order 49561, which settles to cost center 664950. Revenues in support of this assessment are provided from monthly sewer rate charges.

RECOMMENDATION

It is recommended that the Board of County Commissioners approve an Agreement for Professional Consulting Services between Washoe County and Electro Scan Inc., commencing August 28, 2018 through August 27, 2019, to provide condition assessment of 14,000 feet of sanitary sewer interceptors within the South Truckee Meadows Water Reclamation service area [\$124,500.00].

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be: "Move to approve an Agreement for Professional Consulting Services between Washoe County and Electro Scan Inc., commencing August 28, 2018 through August 27, 2019, to provide condition assessment of approximately 14,000 feet of sanitary sewer interceptors within the South Truckee Meadows Water Reclamation Facility area [\$124,500.00]."